

Errors Corrected by the STIC Systems Branch

0570
12/9
O I P E
#2

Serial Number: 101003,302

CRF Processing Date: 12/12/01
Edited by: DC
Verified by: _____ (STIC sta

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a formal error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#2

OIPE

RAW SEQUENCE LISTING

DATE: 12/17/2001

PATENT APPLICATION: US/10/003,302

TIME: 12:14:01

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\12172001\J003302.raw

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4 <110> APPLICANT: MERKULOV, Gennady et al.
6 <120> TITLE OF INVENTION: ISOLATED HUMAN LIPASE PROTEINS, NUCLEIC
7   ACID MOLECULES ENCODING HUMAN LIPASE PROTEINS, AND USES
8   THEREOF
10 <130> FILE REFERENCE: CL001186DIV
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/003,302
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60 Ile Pro Tyr Gly Arg Thr His Ala Arg Ser Thr Gly Pro Arg Pro Val
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62 Val Tyr Met Gln His Ala Leu Phe Ala Asp Asn Ala Tyr Trp Leu Glu
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252 cagtgcacag actatatgta gggcaaacct ttctgggtc tctgggcaca gcagcatatt 8580
253 gactacggtg atgcaatttc ccaggaataa catgtgttcc aaattcaaag aaataattcc 8640
254 acagagtaag tttctagatt ccctctgagc tgaaaaagta aaattcaatg ccatggaata 8700
255 tggctgaaac ataataaatg tgcatcaatc atctctttct cacaacccaa atgggatttt 8760
```

VERIFICATION SUMMARY

DATE: 12/17/2001

PATENT APPLICATION: US/10/003,302

TIME: 12:14:02

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\12172001\J003302.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/003,302

DATE: 12/12/2001

TIME: 14:22:15

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\12112001\I003302.raw

**Does Not Comply
Corrected Diskette Needed**

4 <110> APPLICANT: MERKULOV, Gennady et al.
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN LIPASE PROTEINS, NUCLEIC
 7 ACID MOLECULES ENCODING HUMAN LIPASE PROTEINS, AND USES
 8 THEREOF
 10 <130> FILE REFERENCE: CL001186DIV
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/003,302
 C--> 12 <141> CURRENT FILING DATE: 2001-12-06
 12 <160> NUMBER OF SEQ ID NOS: 4
 14 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

479 <210> SEQ ID NO: 4
 480 <211> LENGTH: 392
 481 <212> TYPE: PRT
 482 <213> ORGANISM: Homo sapiens
 484 <400> SEQUENCE: 4
 485 Met Arg Phe Leu Gly Leu Val Val Cys Leu Val Leu Trp Thr Leu His
 486 1 5 10 15
 487 Ser Glu Gly Ser Gly Gly Lys Leu Thr Ala Val Asp Pro Glu Thr Asn
 488 20 25 30
 489 Met Asn Val Ser Glu Ile Ile Ser Tyr Trp Gly Phe Pro Ser Glu Glu
 490 35 40 45
 491 Tyr Leu Val Glu Thr Glu Asp Gly Tyr Ile Leu Cys Leu Asn Arg Ile
 492 50 55 60
 493 Pro His Gly Arg Lys Asn His Ser Asp Lys Gly Pro Lys Pro Val Val
 494 65 70 75 80
 495 Phe Leu Gln His Gly Leu Leu Ala Asp Ser Ser Asn Trp Val Thr Asn
 496 85 90 95
 497 Leu Ala Asn Ser Ser Leu Gly Phe Ile Leu Ala Asp Ala Gly Phe Asp
 498 100 105 110
 499 Val Trp Met Gly Asn Ser Arg Gly Asn Thr Trp Ser Arg Lys His Lys
 500 115 120 125
 501 Thr Leu Ser Val Ser Gln Asp Glu Phe Trp Ala Phe Ser Tyr Asp Glu
 502 130 135 140
 503 Met Ala Lys Tyr Asp Leu Pro Ala Ser Ile Asn Phe Ile Leu Asn Lys
 504 145 150 155 160
 505 Thr Gly Gln Glu Gln Val Tyr Tyr Val Gly His Ser Gln Gly Thr Thr
 506 165 170 175
 507 Ile Gly Phe Ile Ala Phe Ser Gln Ile Pro Glu Leu Ala Lys Arg Ile
 508 180 185 190
 509 Lys Met Phe Phe Ala Leu Gly Pro Val Ala Ser Val Ala Phe Cys Thr
 510 195 200 205
 511 Ser Pro Met Ala Lys Leu Gly Arg Leu Pro Asp His Leu Ile Lys Asp
 512 210 215 220
 513 Leu Phe Gly Asp Lys Glu Phe Leu Pro Gln Ser Ala Phe Leu Lys Trp

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/003,302

DATE: 12/12/2001

TIME: 14:22:15

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\12112001\I003302.raw

514 225 230 235 240
515 Leu Gly Thr His Val Cys Thr His Val Ile Leu Lys Glu Leu Cys Gly
516 245 250 255
517 Asn Leu Cys Phe Leu Leu Cys Gly Phe Asn Glu Arg Asn Leu Asn Met
518 260 265 270
519 Ser Arg Val Asp Val Tyr Thr Thr His Ser Pro Ala Gly Thr Ser Val
520 275 280 285
521 Gln Asn Met Leu His Trp Ser Gln Ala Val Lys Phe Gln Lys Phe Gln
522 290 295 300
523 Ala Phe Asp Trp Gly Ser Ser Ala Lys Asn Tyr Phe His Tyr Asn Gln
524 305 310 315 320
525 Ser Tyr Pro Pro Thr Tyr Asn Val Lys Asp Met Leu Val Pro Thr Ala
526 325 330 335
527 Val Trp Ser Gly Gly His Asp Trp Leu Ala Asp Val Tyr Asp Val Asn
528 340 345 350
529 Ile Leu Leu Thr Gln Ile Thr Asn Leu Val Phe His Glu Ser Ile Pro
530 355 360 365
531 Glu Trp Glu His Leu Asp Phe Ile Trp Gly Leu Asp Ala Pro Trp Arg
532 370 375 380
533 Leu Tyr Asn Lys Ile Ile Asn Leu
534 385 390

E--> 536 CL001186DIV

E--> 538 1

- delete

VERIFICATION SUMMARY

DATE: 12/12/2001

PATENT APPLICATION: US/10/003,302

TIME: 14:22:16

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\12112001\I003302.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:536 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:536 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1
L:538 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
L:538 M:252 E: No. of Seq. differs, <211>LENGTH:Input:392 Found:393 SEQ:4